

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	13	("1857948" "2242087"). PN. OR ("3619355").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 13:56
L6	1	"5211810".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 14:22
L7	1	"6187136".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 15:03
L8	1	"6830657".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 15:34
L9	1	"6136041".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 15:34
L10	1	"6830657".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 15:35
S1	24	((PRASAD) near2 (DUGGIRALA)).INV.	US-PGPUB; USPAT	OR	OFF	2008/03/17 15:37
S2	3	((PRASAD) near2 (DUGGIRALA)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/03/17 15:37
S3	18	((SERGEY) near2 (SHEVCHENKO)).INV.	US-PGPUB; USPAT	OR	OFF	2008/03/17 15:43
S4	6	S3 not "L4"	USPAT	OR	OFF	2008/03/17 15:44
S5	18	S3 not "L4"	US-PGPUB; USPAT	OR	OFF	2008/03/17 15:45
S6	0	S3 not S1	US-PGPUB; USPAT	OR	OFF	2008/03/17 15:45
S7	5	((KATHERINE) near2 (BROADUS)).INV.	US-PGPUB; USPAT	OR	OFF	2008/03/17 15:45
S8	0	((KATHERINE) near2 (BROADUS)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/03/17 15:58
S9	3	((SERGEY) near2 (SHEVCHENKO)).INV.	EPO; JPO; DERWENT	OR	OFF	2008/03/17 15:59
S10	0	disulfonated near stilbene and pulp	EPO; JPO; DERWENT	OR	OFF	2008/03/18 09:49
S11	3	disulfonated near stilbene and pulp	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 09:50
S12	4	disulfonated near stilbene and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 09:57
S13	4	(disulfonated near stilbene) and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 09:58
S14	2	(di-sulfonated near stilbene) and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 09:58

S15	7	(tetrasulfonated near stilbene) and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 09:59
S16	0	(tetra-sulfonated near stilbene) and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 10:01
S17	13	(hexasulfonated near stilbene) and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 10:01
S18	1	(hexa-sulfonated near stilbene) and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 10:04
S19	6	"562788".ap.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 10:09
S20	3	"optical brighteners" near "size press"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 10:11
S21	0	"optical brightener" near "size press"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 10:13
S22	0	"optical brighteners" near "size press"	EPO; JPO; DERWENT	OR	OFF	2008/03/18 10:13
S23	140	FWA and pulp	US-PGPUB; USPAT	OR	OFF	2008/03/18 10:58
S24	141	FWA and pulp	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 11:09
S25	1	FWA and pulp not S23	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 11:09
S26	118	S23 and size	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 11:10
S27	68	S23 and "size press"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 11:10
S28	1	(oxidant near "size press") and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 11:16
S29	348	phosphonium and pulp and bleaching	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 11:17
S30	0	tetrakis and phosphonium and pulp and bleaching	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 11:18
S31	3	tetrakis and phosphonium	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 11:18
S32	10886	phosphonium and paper	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 11:18
S33	209	phosphonium and "162". CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 11:18
S34	1	(oxidant near "size press") and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:21
S35	0	(oxidizer near "size press") and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:21

S36	10	(oxidant near "size") and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:21
S37	22	(oxidant and "size press") and "162".CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:22
S38	0	(peroxide near "size press") and "162".CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:26
S39	0	(peracid near "size press") and "162".CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:26
S40	0	(hypochlorite near "size press") and "162".CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:26
S41	0	(ozone near "size press") and "162".CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:27
S42	0	(oxygen near "size press") and "162".CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:37
S43	0	(oxygen near "size press")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:37
S44	0	oxidant near sizing and "162".CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:37
S45	2	oxidant near size and "162".CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:37
S46	0	oxidant near "paper coating"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:38
S47	0	oxidant near "coating" and "162".CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:38
S48	0	oxidant near "paper" and "162".CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:39

S49	0	(oxidizer near "size press")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:40
S50	0	(oxidizing near "size press")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:40
S51	5635	("size press")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:40
S52	3398	("size press") and coating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:40
S53	126	("size press") and coating and biocide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:41
S54	22	("size press") and oxidant and "162".CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:42
S55	0	2005/0194324.PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:44
S56	2	"20050194324".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 11:44
S66	0	oxidizer and FWA and "162. CLAS"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/25 16:16
S67	0	oxidizer and "optical brightener" and "162.CLAS"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/25 16:17
S68	0	oxidizer and "optical brightener" and "162". CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/25 16:17
S69	0	oxidizer and FWA and "162". CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/25 16:17
S70	2	coater and oxidizer and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/25 16:18

S71	2	"20040050511".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/25 16:20
S72	142	162/70.CCLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 14:38
S74	100	"sodium sulfite" and reducing and bleaching and "162".CLAS.	US-PGPUB; USPAT	OR	OFF	2008/03/27 08:31
S76	12	Hu and THPS	US-PGPUB; USPAT	OR	OFF	2008/03/27 09:04
S77	15	(US-20060185805-\$ or US- 20020160179-\$ or US- 20050194324-\$ or US- 20040050511-\$ or US- 20060130984-\$ or US- 20020104627-\$ or US- 20060229393-\$).did. or (US-7229525-\$ or US- 6893473-\$ or US-6426381- \$ or US-5622749-\$ or US- 5873913-\$ or US-5125929- \$ or US-5853428-\$).did. or (WO-2006110751-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2008/03/27 12:51
S78	15	(US-20060185805-\$ or US- 20020160179-\$ or US- 20050194324-\$ or US- 20040050511-\$ or US- 20060130984-\$ or US- 20020104627-\$ or US- 20060229393-\$).did. or (US-7229525-\$ or US- 6893473-\$ or US-6426381- \$ or US-5622749-\$ or US- 5873913-\$ or US-5125929- \$ or US-5853428-\$).did. or (WO-2006110751-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2008/03/27 12:52
S79	5	S78 and "polyacrylic acid"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 12:52
S80	28	"polyacrylic acid" and DTMPA	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 12:55
S81	400	"polyacrylic acid" and pulp and "162".CLAS.	US-PGPUB; USPAT	OR	OFF	2008/03/27 12:58
S82	39	borohydride and "size press"	US-PGPUB; USPAT	OR	OFF	2008/03/27 13:03
S83	6	("20020059999" "20030085008" "20040154764" "3619355" "6527914" "6998015").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/27 13:59
S84	15	chelant and "polyacrylic acid" and "162".clas.	US-PGPUB; USPAT	OR	OFF	2008/03/27 14:07

S85	234	"sodium polyacrylate" and chelant	US-PGPUB; USPAT	OR	OFF	2008/03/27 14:15
S86	7	"sodium polyacrylate" and chelant and "162".CLAS.	US-PGPUB; USPAT	OR	OFF	2008/03/27 14:16
S87	35	"sodium polyacrylate" and "size press" and "162". CLAS.	US-PGPUB; USPAT	OR	OFF	2008/03/27 14:18
S88	50	reduc\$4 same paper same (OBA FWA (optical near2 brighten\$3) \$3stilbene (fluorescent near2 whitenin \$3 near2 additive\$1)) and "162".clas.	US-PGPUB; USPAT	OR	OFF	2009/06/01 10:58
S89	66	reduc\$4 same paper same (OBA FWA (optical near2 brighten\$3) \$3stilbene (fluorescent near2 whitenin \$3 near2 additive\$1)) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 10:58
S90	1	"5053772".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:15
S91	1	"5035772".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:15
S92	15	("3017316" "3068141" "3393122" "4008121" "4339238" "4401810"). PN. OR ("5035772").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:15
S93	4	("sodium bisulfite")same (OBA FWA (optical near2 brighten\$3) \$3stilbene (fluorescent near2 whitenin \$3 near2 additive\$1)) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:17
S94	0	("sodium bi-sulfite")same (OBA FWA (optical near2 brighten\$3) \$3stilbene (fluorescent near2 whitenin \$3 near2 additive\$1)) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:17
S95	0	("bi-sulfite")same (OBA FWA (optical near2 brighten \$3) \$3stilbene (fluorescent near2 whitenin\$3 near2 additive\$1)) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:17
S96	8	("bisulfite")same (OBA FWA (optical near2 brighten\$3) \$3stilbene (fluorescent near2 whitenin\$3 near2 additive\$1)) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:17

S97	60	(sulfites bisulfites metabisulfites (pyrosulfites) sulfoxylates, thiosulfates dithionites (hydrosulfites) polythionates formamidinesulfinic formaldehyde bisulfite sulfenamides sulfenamides sulfenic sulfamides phosphines phosphonium phosphites thiophosphites) same (OBA FWA (optical near2 brighten\$3) \$3stilbene (fluorescent near2 whitenin\$3 near2 additive\$1)) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:20
S98	25	"sodium bisulfite" same ("size press" "headbox" coat \$3) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:34
S99	14	(OBA FWA (optical near2 brighten\$3) \$3stilbene (fluorescent near2 whitenin \$3 near2 additive\$1)) and (photo\$2yellow\$3 thermal \$2yellow\$3) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:38
S100	11	(OBA FWA (optical near2 brighten\$3) \$3stilbene (fluorescent near2 whitenin \$3 near2 additive\$1)) and (photo\$2yellow\$3 thermal \$2yellow\$3) and "162".clas. and sulfite	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:38
S101	3	sodium near2 bi\$1sulfite and (photo\$2yellow\$3 thermal\$2yellow\$3) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:50
S102	3	(sodium near2 bi\$1sulfite) and (photo\$2yellow\$3 thermal\$2yellow\$3) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 11:58
S103	0	(sodium near2 bi\$1sulfite) same (photo\$2yellow\$3 thermal\$2yellow\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 11:58
S104	0	(sodium near2 bi\$1sulfite) same2 (photo\$2yellow\$3 thermal\$2yellow\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 11:58
S105	8	(sodium near2 bi\$1sulfite) and (photo\$2yellow\$3 thermal\$2yellow\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 11:58

S106	3	"20030232907"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 12:05
S107	3	("sodium bisulfite") same yellowing and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 12:13
S108	5	("sodium bisulfite") same2 yellowing and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 12:36
S109	11	"reducing agent" same yellowing and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 12:37
S110	11	"reducing agent" same \$6yellowing and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/01 12:37
S111	25	("reducing agent") and (photo\$2yellow\$3 thermal \$2yellow\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 12:39
S112	0	("reductant") and (photo \$2yellow\$3 thermal\$2yellow \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 12:42
S113	0	("reducer") and (photo \$2yellow\$3 thermal\$2yellow \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 12:42
S114	67	("reducing") and (photo \$2yellow\$3 thermal\$2yellow \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 12:42
S115	15	("reducing") and (photo \$2yellow\$3 thermal\$2yellow \$3) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 12:42
S116	0	("sodium acid sulfite") and (photo\$2yellow\$3 thermal \$2yellow\$3) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 12:55
S117	0	("sodium acid sulfite") and (reversion or yellowing) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 12:55
S118	22	("sodium acid sulfite") and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 12:57
S119	0	photoyellowing and (FWA OBA) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 12:58

S120	1	photo\$1yellowing and (FWA OBA) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 12:58
S121	5	yellowing and (FWA OBA) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 12:59
S122	47	(\$3HSO3 bisulfite) same ("size press" coating "wet end" head\$1box) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/01 13:05

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